



GLASS DOOR LOCK

User manual

PLD410-DL

INSTALLATION

Frameless glass and framed-door instructions

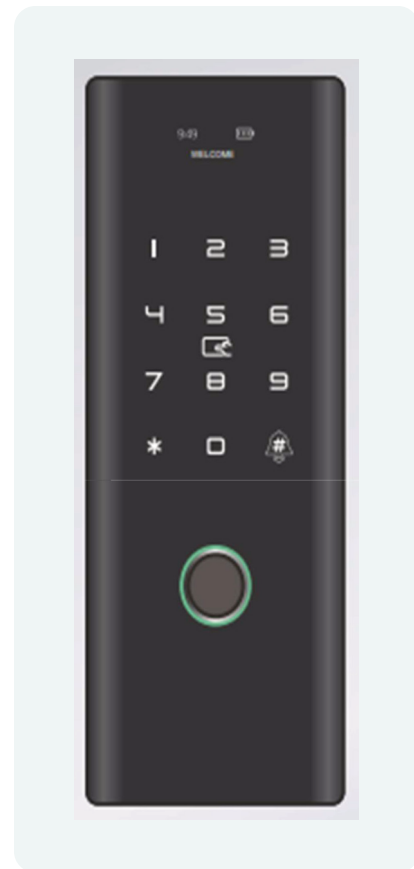
OPERATION

Source-provided features and app pairing

REFERENCE

Specifications, components and troubleshooting

Read the safety instructions before installing or operating the lock.
Retain this manual for reference.



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About this manual

This Glaze Hardware edition identifies the product as **PLD410-DL** and is based on the supplied Glass Door Lock manual, reference **U-3000_07/24** (source SKU ADGLG). The technical content and original diagrams have been retained and reformatted for reading.

Read before installation

Review the safety instructions and the requirements for your installation. The source contains conflicting glass-thickness and environmental statements; those differences are identified on the relevant pages rather than silently resolved.

Limits of the supplied instructions

The source index lists a second operation page and a warranty card, but those pages are not included in the supplied file. Detailed credential-enrollment, passcode-change, remote-enrollment and reset sequences are not provided. This edition does not invent those procedures or a Glaze Hardware warranty.

Introduction & safety

Special note before installation

Take the necessary safety measures before starting work to protect people and property. Accurate door preparation is essential to correct installation, lock operation and security. Deviations from the specified preparation or misalignment may affect performance and security. Check the door for level and alignment before installation. Product images are for reference; the actual model, type or color may differ.

Safety cautions

01. **Do not spray water directly on the product.** Water entering the lock can cause malfunction or abnormal operation.
02. **Do not dismantle the product yourself.** Improper dismantling can cause the product to malfunction.
03. **Keep flammable items, such as gas lighters, away from the lock.**
04. **Completely close off door holes after installation.** The source warns of intrusion through door holes.
05. **Do not use the product where it is exposed to water.** The source states that the product is not water- or dust-proof and may short-circuit.
06. **Avoid direct sunlight and high temperatures.** These conditions may cause malfunction or abnormal operation.
07. **Do not install where water, snow or rain can enter.**
08. **Do not strike, impact or alter the product.**
09. **Replace all batteries with new batteries at the same time.** Do not mix old and new batteries.
10. **Use alkaline batteries only.** The source warns that rechargeable batteries may cause malfunction.

Battery and emergency caution

The lock operates at **DC 6 V**. Reverse battery installation can cause leakage or bursting. Replace the full set when discharged. As this is a keyless lock, the source instructs users to become familiar with manual opening and closing in an emergency; it does not supply a separate emergency-opening sequence.

Source temperature statement: "Sensor operation temperature: 60°C (+10°C)." This is not reconciled with the separate working-temperature entry on page 5.

Care, security & service

Do's

- The primary owner should control use and activation/deactivation of the Admin/Master account.
- Change the default factory password immediately after installation on applicable models. Keep the Master Passcode secure; seek service assistance if it is forgotten.
- Install batteries with the correct polarity, matching the product's + / – markings. Incorrect polarity may cause leakage or rupture.
- Use a soft, dry cloth for cleaning. Replace the entire battery set together and use alkaline batteries only.

Don'ts

- Do not install, dismantle or repair the product without a certified service technician. Improper handling may damage the product or cause malfunction.
- Do not apply excessive force, shock or vibration. Do not press buttons with pins or other sharp objects.
- Do not spray water on the product, and do not allow condensation or moisture to enter. The source calls for ventilation or weather stripping to address sources of condensation.
- Do not insert batteries with reversed polarity or combine used batteries with new batteries.

User instructions

Read the safety and operating instructions before installation. Change your PIN regularly for access security. Use only new batteries and watch for leakage. Replace all batteries when the automatic low-battery indication appears; do not reuse any of the removed batteries. Clean with a dry microfiber cloth. Keep the completed warranty certificate and purchase invoice for service requests. The source states that its information may change without notice.

Environmental wording in the source

The source says not to install in an area exposed to the external environment and says the product has not been tested for external use. It also refers to "weather-protected outdoor and indoor areas" for domestic application. These statements conflict. Confirm the intended installation environment before proceeding.

Factory service / warranty references

The original text refers to **iLockey** service professionals, restricts unauthorized disassembly, repair, rework or reverse engineering, states that installation by others may void that supplier's warranty, and reserves the right to charge for out-of-warranty products. Those are source-manual references, **not Glaze Hardware warranty terms**. Obtain the applicable service and warranty terms from Glaze Hardware.

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Technical specification

ITEM	SOURCE SPECIFICATION
Fingerprint speed	≤ 0.3 seconds
Working voltage / batteries	4 × 1.5 V AA alkaline batteries (DC 6 V)
Misidentification rate	≤ 0.0001%
Opening method	Left and right interchange
Lock material	Zinc alloy / ABS
Fingerprint capacity	200
Display size	0.96 inch
Static power consumption	Less than 10 μA
Unlock methods	Fingerprint, RFID card, password, Tuya app; remote control optional
Unlock time	1–1.5 seconds
Working temperature	–20° to 50° (unit not stated in source table)
Working humidity	10%–95%
Factory master password	123456 — see source-text note below
Product color	Black
Suitable door thickness	8–12 mm in specification table; see note below
Administrator capacity	9
User capacity	Password + RFID card: 1,000
Door application	Glass Door Lock
Product weight	2.2 kg
Remote capacity	50

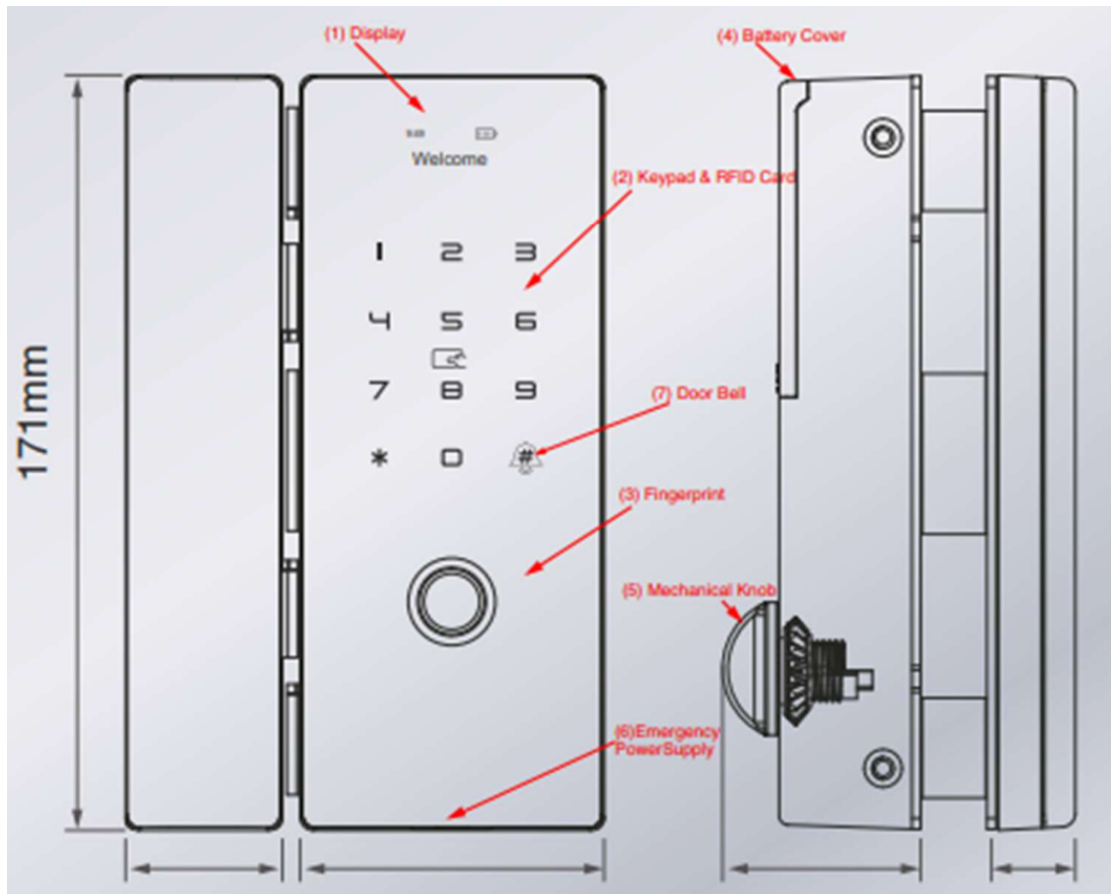
Glass thickness: The source specification table lists **8–12 mm**, while its frameless installation note lists **10–12 mm**. Confirm suitability for the actual glass and mounting kit; this manual does not resolve that difference.

Factory-passcode text: The source clearly lists **123456**, but the following sentence about configuration is incomplete. A change or initialization sequence is not supplied.

Temperature: The source separately prints “60°C (+10°C)” for sensor operation. No clarification is supplied.

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Lock structure



Original source diagram. Only the 171 mm overall height is fully legible; the lower dimension values are cut off in the supplied file. Do not scale this illustration.

REFERENCE	COMPONENT
1	Display
2	Keypad & RFID card area
3	Fingerprint sensor
4	Battery cover
5	Mechanical knob
6	Emergency power supply
7	Door bell

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Features & packing details

- 01. Micro USB emergency power supply:** The source describes operating the lock from a USB power bank in an emergency.
- 02. Fingerprint:** Use a registered fingerprint to open the lock.
- 03. Digital keypad / RFID:** Use a registered password or RFID card to open the lock.
- 04. Reset button:** Used for factory or initialization settings. No detailed reset sequence is supplied.
- 05. Smart freeze / auto secure:** More than five wrong passwords in five minutes locks the keypad for 90 seconds; the source says the lock will not respond during that period.
- 06. Anti-theft password:** Enter **XXX + actual password + XXX**, then press **#** to confirm. Extra digits may precede and follow the actual password, which must be included.
- 07. Door bell:** With the lights on, the button acts as **#**; with the lights off, it acts as the bell.
- 08. Passage mode:** Described for frequent door opening/closing. No activation sequence is supplied.
- 09. Low-battery alarm:** Below **4.8 V**, the alarm sounds each time the lock is unlocked. The source claims 100 unlocks after the first alarm; its safety instructions call for replacing all batteries when prompted.
- 10. Access records:** The features section names the **Ozolife app**. The pairing section names **Tuya Smart**; see the app-name note on page 11.

Packing details

COMPONENT	QUANTITY
Front panel	1
Rear panel	1
User manual	1
RFID card	2
Opposite pull screw	4
Mounting plate	2
Strike plate (glass to wall)	1
Strike box (glass to glass)	1
M4 screws (glass to glass)	8

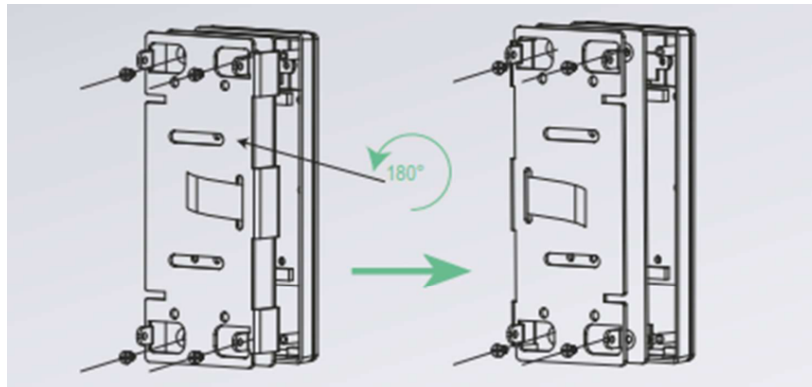
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Frameless glass installation

Preparation, handing reversal and positioning plate

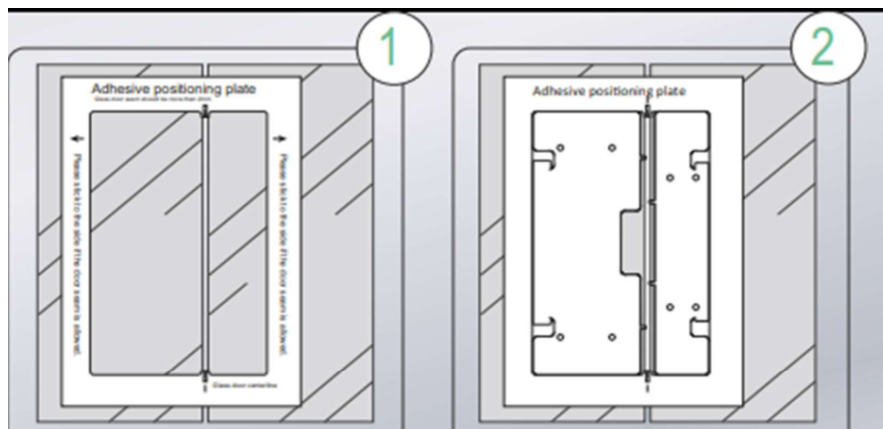
Reverse the U-shaped bracket

Remove the **four fixing screws** on the front panel. Rotate the U-shaped bracket by **180°**, then tighten the four screws.



Source illustration: U-shaped bracket reversal.

Steps 1–2: position and attach the plate



1. Position the template. After cleaning the glass, attach the adhesive-plate fixing template to the door. Align the door seam with the door-seam line on the template.

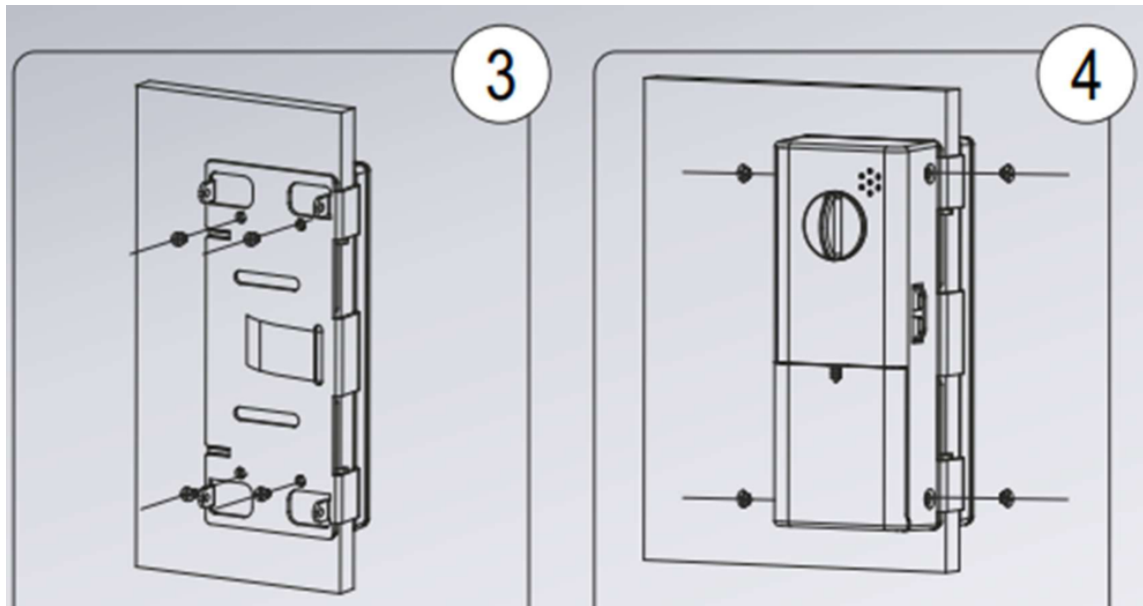
2. Attach the adhesive plate. Remove the adhesive backing. Place the plate in the center opening of the template and press it firmly. The small feet of the adhesive plate must sit tightly against the door.

Use the supplied positioning template

The source requires the template for locating the fixed plate. Do not use the illustrations in this manual as a full-size cutting or positioning template.

Frameless glass assembly

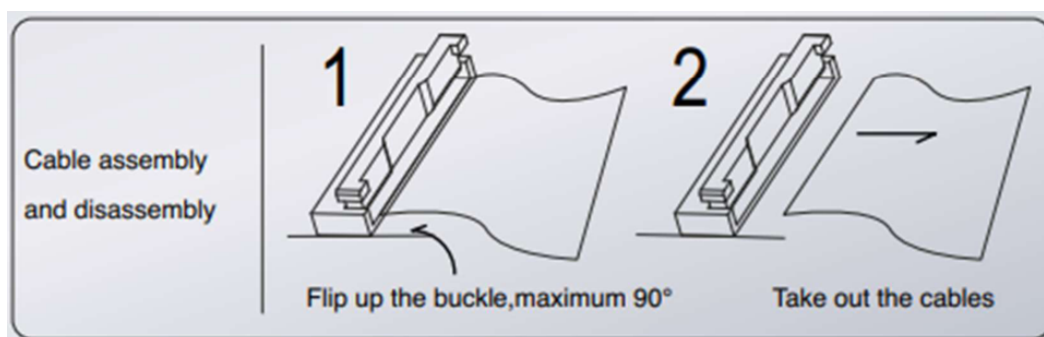
Main lock, back panel and cable connector



3. Fit the U-clip. Push the U-clip onto the side of the glass door and tighten the **four fixing screws**. The source states that the side lock is fixed in the same way.

4. Connect and close. Plug in the cables, fit the back panel and tighten its **four fixing screws**. The source again states that the side lock is fixed in the same way.

Cable assembly and disassembly



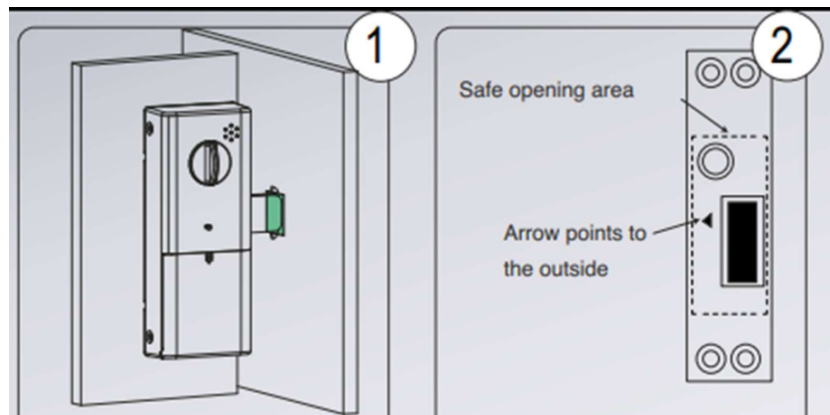
To remove the cable as illustrated, lift the connector buckle to a **maximum of 90°**, then withdraw the cable.

Factory installation notes

The source states that the door joint “should not be less than or equal to 4 mm” (that is, greater than 4 mm as written), and gives glass thickness as **10–12 mm**. Confirm the door gap and mounting compatibility before installation. The separate specification table lists 8–12 mm; see page 5.

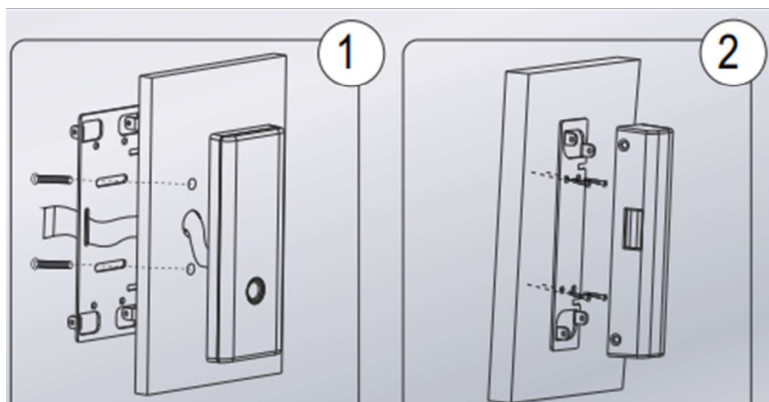
Strike & framed-door installation

Single-opening installation ("blade")



1. Install the main lock using the preceding method. The source then instructs the installer to unscrew the lock tongue and mark its position with the door closed naturally.
2. The blade's triangle/arrow must point toward the outside. The source calls for the receiving opening to follow an opening-size drawing.

Framed doors: wood or aluminum alloy



1. Prepare door holes to the required sizes, route the cables, secure the main lock with screws and fasten the back panel with screws.
2. Fix the side lock using self-tapping screws or rivets, and secure its back panel with screws.

No dimensioned drilling pattern supplied

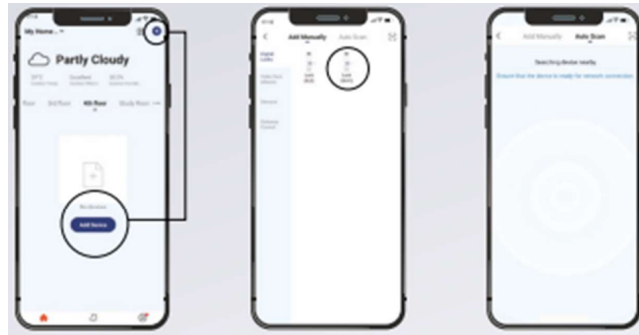
The uploaded source does not include the opening-size drawing or a dimensioned door-drilling pattern. Obtain the correct preparation template before cutting or drilling. These framed-door illustrations are not glass-fabrication dimensions.

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Tuya Smart app pairing

Operation steps provided in the source manual

- 1. Find and register.** The source instructs users to find the **Tuya Smart** app in the App Store and register.
- 2. Automatic connection.** Open the app and use the add-lock / automatic-connection path shown below.



Original app screenshots: automatic connection.

- 3. Add manually.** The source also illustrates a manual add-device route.



Original app screenshots: manual addition.

4. Enable the lock's RF device

Wake the keypad and press **#**. Authenticate with the registered administrator password followed by **#**, or with a registered administrator fingerprint or RFID card. Then press the following keys in sequence:

2 → 3 → 1
2 = "System setting" 3 = "RF device" 1 = "RF device ON"

App name and setup limits

The source's pairing instructions name **Tuya Smart**, while its access-record feature names **Ozolife**. No explanation of that difference is supplied. Confirm the applicable app for the unit. Administrator enrollment and a second operation page are absent from the supplied file.

FAQs & troubleshooting

1. How do I read operation records?

Select “Opening record” on the lock’s main interface, as stated in the source FAQ.

2. The touch keypad or screen does not respond after installation.

- Check whether the batteries are installed with the correct positive and negative polarity.
- Check whether the batteries have sufficient power.
- Have the back-panel connection to the front panel checked.
- Have the connecting wires checked for pinching, squeezing or twisting.

The source’s safety instructions require a certified service technician for dismantling or repair.

3. A fingerprint cannot be registered.

Check the finger for dirt or wear. Check the fingerprint sensor for dirt, oil or stains. Test whether the sensor responds when a finger is pressed on it.

4. The lock is consuming power faster than usual.

The source lists high standby power consumption and a short circuit as possible causes. It does not provide a diagnostic or repair sequence.

5. When does the auto-secure mode activate, and for how long?

The FAQ says that more than five wrong password attempts in a row locks the keypad for **90 seconds**. The features section instead describes more than five wrong attempts within five minutes. Both descriptions are retained; the source does not explain the distinction.

Instructions not supplied

Detailed steps to add/delete users, change the administrator passcode, enroll a remote, reset the lock or activate passage mode are not included in the uploaded manual. Obtain the model-specific procedures before attempting those changes. The indexed warranty card is also absent.

Product reference for assistance: Glaze Hardware — PLD410-DL.